

INTERNATIONAL SEARCH REPORT

International application No

PCT/JP2005/015173

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F1/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/020524 A1 (EHMANN GREGORY E) 30 January 2003 (2003-01-30) paragraphs [0004], [0007], [0008], [0020] - [0032] figures 1,2a,2b	1-5,20
X	US 6 118 314 A (ARNOULD ET AL) 12 September 2000 (2000-09-12) column 4, line 16 - column 6, line 39 figures 2-4	1,5,20
A	IT 1 055 311 B (TELEFONAB LM ERICSSON) 21 December 1981 (1981-12-21) page 1, line 6 - line 9 page 3, line 18 - page 6, line 2 figure 1	1-5,20

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

10 January 2006

Date of mailing of the international search report

3.0.03.2006

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Form PCT/ISA/210 (second sheet) (April 2005)

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 185 691 B1 (GANDHI JAYANTI L ET AL) 6 February 2001 (2001-02-06) column 2, line 5 - column 5, line 10 figures 1,3a,3b -----	1-5,20
A	US 5 617 458 A (JONES ET AL) 1 April 1997 (1997-04-01) column 1, line 15 - column 4, line 35 figures 1,2 -----	1-5,20

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-5, 20

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5, 20

Circuit device comprising global and local reset circuit

2. claims: 6-8

Circuit device comprising two clock circuits to output clock signals

3. claims: 9,10

Circuit device comprising a second circuit to provide information on a value of a counter signal when a first circuit provides a signal based on the value of the counter

4. claims: 11-19

Circuit device comprising a clock circuit to output a clock signal having phase zero, depending on the value of a counter and of a clock

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern:

I application No

PCT/JP2005/015173

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003020524	A1	30-01-2003	CN 1489723 A EP 1415217 A2 WO 03010640 A2 JP 2004537115 T	14-04-2004 06-05-2004 06-02-2003 09-12-2004
US 6118314	A	12-09-2000	NONE	
IT 1055311	B	21-12-1981	AU 1128076 A BR 7601089 A DK 70976 A ES 445097 A1 FI 760158 A HU 174133 B NO 760562 A SE 383788 B YU 38676 A1	01-09-1977 14-09-1976 22-08-1976 16-05-1977 22-08-1976 28-11-1979 24-08-1976 29-03-1976 18-06-1982
US 6185691	B1	06-02-2001	NONE	
US 5617458	A	01-04-1997	NONE	

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